

IN THE SPECIFICATION:

Please amend paragraphs and headings of the specification as shown below, in which deleted terms are indicated with strikethrough and/or double brackets, and added terms are indicated with underscoring. Also, please add new paragraph [000.1] and an associated heading therefor as shown below immediately after the title on page 1 of the specification, and also add new paragraph [0054] shown below.

New Paragraph [000.1] and Associated Heading

CROSS-REFERENCE TO RELATED APPLICATIONS

[000.1] The present invention is the US National Phase of International Application PCT/JP2004/019139, filed 15 December 2004, which claims priority under 35 USC 119 based on Japanese patent application No. 2003-418640, filed 16 December 2003. The entire contents of the International and priority Japanese applications are incorporated herein by reference.

Heading Between Paragraphs [0007] – [0008]

Disclosure Summary of the Invention

Heading Between Paragraphs [0019] – [0020]

Best Mode for Carrying Out Detailed Description of the Invention

Paragraph [0021] Figs. 1A, 1B and 1C schematically show operation of an adaptive front lighting system (AFS) incorporated in a motor vehicle 10. The AFS includes left and right headlamps 11 and 12 and an in-vehicle electronic control unit (ECU) 15. The ECU is configured

to adjust the directions of illumination of the respective headlamps 11, 12 on the basis of vehicle speed information and steering angle information. The steering angle information is supplied from a steering angle sensor [[13]] 14, which is provided to detect steering angle of a steering wheel 13. The vehicle speed information is supplied from a vehicle speed sensor (not shown).

Paragraph [0029] Fig. 3 shows in block diagram a general configuration of the operation checking system and the adaptive front lighting system linked with each other. The adaptive front lighting system includes a left horizontal swiveling mechanism 18 for changing the direction of illumination (including illumination pattern) of the left headlamp 11 in a horizontal plane, a left auto-leveling mechanism 19 for adjusting the level or vertical position of a beam axis of the left headlamp 11, a right horizontal swiveling mechanism 21 for changing the direction of illumination of the right headlamp 12 in a horizontal plane, and a right auto-leveling mechanism [[19]] 22 for adjusting the vertical position of a beam axis of the right headlamp 12. The adaptive front lighting system further includes an in-vehicle electric control unit (ECU) 15 so configured as to control operations of the swiveling and auto-leveling mechanisms 18, 19, 21 and [[21]] 22, an in-vehicle battery 23 for supplying electric power to the ECU 15, and a switch means 24 including various operation switches such as a main switch (ignition key switch) and a combination switch. Though not shown, the left and right horizontal swiveling mechanisms 18 and 21 each have a swivel actuator such as stepping motor. Similarly, the left and right auto-leveling mechanisms 19 and 22 each have a leveling actuator such as stepping motor. The in-vehicle ECU 15 is also connected to the steering angle sensor 14 (Fig. 1), the non-illustrated vehicle speed sensor, and the front and rear level sensors 16, 17, so that detection signals from

the respective sensors are inputted to the ECU 15.

New Paragraph [0054] Although there have been described what are the present exemplary embodiments of the invention, it will be understood that variations and modifications may be made thereto within the spirit and scope of the appended claims.